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1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/909,062

DATE: 02/19/2003

TIME: 14:16:49

Input Set : A:\seqlist.txt

Output Set: N:\CRF4\02192003\I909062.raw

3 <110> APPLICANT: Saksena, Anil K
 4 Girijavaliabhan, Viyyor M
 5 Lovey, Raymond G
 6 Jao, Edwin
 7 Bennett, Frank
 8 McCormick, Jinping L
 9 Pike, Russell E
 10 Bogen, Stephane L
 11 Liu, Yi-Tsung
 12 Arasappan, Ashok
 13 Pinto, Patrick A
 14 Njoroge, F George
 15 Ganguly, Ashit

17 <120> TITLE OF INVENTION: NOVEL PEPTIDES AS NS3-SERINE PROTEASE INHIBITORS OF
 HEPATITIS C VIRUS

19 <130> FILE REFERENCE: IN01157K-US
 21 <140> CURRENT APPLICATION NUMBER: 09/909,062
 22 <141> CURRENT FILING DATE: 2001-07-19
 24 <150> PRIOR APPLICATION NUMBER: 60/220,109
 25 <151> PRIOR FILING DATE: 2000-07-21
 27 <160> NUMBER OF SEQ ID NOS: 149
 29 <170> SOFTWARE: PatentIn version 3.1
 31 <210> SEQ ID NO: 1
 32 <211> LENGTH: 7
 33 <212> TYPE: PRT
 34 <213> ORGANISM: Artificial Sequence
 36 <220> FEATURE:
 37 <223> OTHER INFORMATION: synthetic peptide
 39 <220> FEATURE:
 40 <221> NAME/KEY: MOD_RES
 41 <222> LOCATION: (1)..(1)
 42 <223> OTHER INFORMATION: ACETYLATION
 45 <220> FEATURE:
 46 <221> NAME/KEY: MISC_FEATURE
 47 <222> LOCATION: (6)..(6)
 48 <223> OTHER INFORMATION: norvaline-C(=O)
 51 <400> SEQUENCE: 1

W--> 53 Glu Glu Val Val Pro Xaa Gly

54 1 5
 57 <210> SEQ ID NO: 2
 58 <211> LENGTH: 4
 59 <212> TYPE: PRT
 60 <213> ORGANISM: Artificial Sequence
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63 <223> OTHER INFORMATION: synthetic peptide

65 <220> FEATURE:

66 <221> NAME/KEY: MISC_FEATURE

67 <222> LOCATION: (1)..(1)

68 <223> OTHER INFORMATION: Fmoc-Val

71 <220> FEATURE:

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74 <223> OTHER INFORMATION: norvaline-diphenylmethyl semicarbazide (dpSC)

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86 1

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91 <212> TYPE: PRT

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95 <223> OTHER INFORMATION: synthetic peptide

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100 <223> OTHER INFORMATION: Fmoc-Val

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105 <222> LOCATION: (4)..(4)

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132 <223> OTHER INFORMATION: Fmoc-Glu(OtBu)

135 <220> FEATURE:

136 <221> NAME/KEY: MISC_FEATURE

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Input Set : A:\seqlist.txt

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220 <223> OTHER INFORMATION: Gly-PAM resin
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256 <221> NAME/KEY: MISC_FEATURE
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Input Set : A:\seqlist.txt

Output Set: N:\CRF4\02192003\I909062.raw

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290 1 5
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310 <223> OTHER INFORMATION: norvaline-C(=O)
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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/909,062

DATE: 02/19/2003
TIME: 14:16:50

Input Set : A:\seqlist.txt
Output Set: N:\CRF4\02192003\I909062.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 6
Seq#:2; Xaa Pos. 1, 3, 4
Seq#:3; Xaa Pos. 1, 4, 5
Seq#:4; Xaa Pos. 1, 5, 6
Seq#:5; Xaa Pos. 1, 2, 6, 7
Seq#:6; Xaa Pos. 1, 2, 6, 7
Seq#:7; Xaa Pos. 1, 2, 6, 7
Seq#:8; Xaa Pos. 1, 6
Seq#:9; Xaa Pos. 6
Seq#:10; Xaa Pos. 5, 6
Seq#:11; Xaa Pos. 5, 6
Seq#:12; Xaa Pos. 4, 6
Seq#:13; Xaa Pos. 6
Seq#:14; Xaa Pos. 6
Seq#:15; Xaa Pos. 5
Seq#:16; Xaa Pos. 5
Seq#:17; Xaa Pos. 5, 6
Seq#:18; Xaa Pos. 5, 6
Seq#:19; Xaa Pos. 5, 6
Seq#:20; Xaa Pos. 5, 6
Seq#:21; Xaa Pos. 5, 6
Seq#:22; Xaa Pos. 5, 6
Seq#:23; Xaa Pos. 5, 6
Seq#:24; Xaa Pos. 6
Seq#:25; Xaa Pos. 6
Seq#:26; Xaa Pos. 6
Seq#:27; Xaa Pos. 5, 6
Seq#:28; Xaa Pos. 6
Seq#:29; Xaa Pos. 6
Seq#:30; Xaa Pos. 6
Seq#:31; Xaa Pos. 6
Seq#:32; Xaa Pos. 5, 6
Seq#:33; Xaa Pos. 5, 6
Seq#:34; Xaa Pos. 3, 6
Seq#:35; Xaa Pos. 2, 6
Seq#:36; Xaa Pos. 3, 6
Seq#:37; Xaa Pos. 3, 6
Seq#:38; Xaa Pos. 3, 6
Seq#:39; Xaa Pos. 6
Seq#:40; Xaa Pos. 6
Seq#:41; Xaa Pos. 6
Seq#:42; Xaa Pos. 6
Seq#:43; Xaa Pos. 6
Seq#:44; Xaa Pos. 6, 7

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/909,062

DATE: 02/19/2003
TIME: 14:16:50

Input Set : A:\seqlist.txt
Output Set: N:\CRF4\02192003\I909062.raw

Seq#:45; Xaa Pos. 1,2
Seq#:46; Xaa Pos. 1,4
Seq#:47; Xaa Pos. 1,2,5
Seq#:48; Xaa Pos. 1,2,5
Seq#:49; Xaa Pos. 1,2
Seq#:50; Xaa Pos. 1,2,6,7
Seq#:51; Xaa Pos. 1,2,6

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/909,062

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Input Set : A:\seqlist.txt

Output Set: N:\CRF4\02192003\I909062.raw

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L:85 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:117 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:149 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:187 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:225 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:263 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:289 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:315 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:347 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:379 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:437 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:463 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:489 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:515 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:547 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:579 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:611 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
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L:817 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
L:849 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
L:875 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
L:901 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
L:927 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:953 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
L:985 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:1017 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
L:1049 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
L:1081 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
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L:1145 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
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L:1229 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
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L:1281 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
L:1307 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0
L:1339 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0
L:1371 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0
L:1397 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0
L:1429 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:0
L:1461 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:0

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L:1487 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:0
L:1525 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:0